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 TI Manufacture of fiber-reinforced **cement** boards
 IN Koizumi, Masashi
 PA Kubota Kk, Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C04B028-18
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 CC 58-4 (Cement, Concrete, and Related Building Materials)
 FAN.CNT 1

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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 05043293	ICM	C04B028-18
	ICS	C04B016-02; D21H013-26; D21J001-00

AB In manufacturing fiber-reinforced **cement** boards from **cement**, pulp, lightwt. aggregate, filler etc., pulp is 1st mixed with 1-4 weight% cationic paper reinforcing agent, then mixed with the others. Thus, a mixture comprising **cement** 47, silica powder 48, and pulp premixed with 2 weight% paper reinforcing agent comprising **cationic polyacrylamide** 5 weight% was shaped with addition of water and autoclaved to give a board having bending strength 230 kg/cm², vs. 180 kg/cm² without addition of paper reinforcing agent.
 ST **cement** board pulp reinforcement resin
 IT Pulp, cellulose
 (in **cement** boards manufacture, with cationic paper reinforcing agents)
 IT Building materials